

# West Coast LNG Projects and Proposals

## Status Update

(As of September 11, 2006)

Note: Changes since last update are in ***bold italics***.

Project Name, Company and Location	Average Production Capacity (MMcfd)*	Status
<b>Canada</b>		
Port of Kitimat LNG Facility Kitimat LNG Kitimat, British Columbia	610	Kitimat LNG Terminal received B.C. environmental approval on June 6, 2006. Pending regulatory approval, construction is scheduled to begin in <b><i>mid</i></b> 2006, with full operation set for early 2009.
WestPac LNG Facility WestPac Terminals Ridley Island, British Columbia	300	On June 6, 2006 Westpac filed its official Project Description with the Prince Rupert Port Authority, formally beginning the regulatory review and environmental assessment process for the project.
<b>Oregon</b>		
Port Westward LNG Facility Port Westward LNG LLC Clatskanie, Oregon	700	3/10/06 - The Port of St. Helens has approved a 99-year lease agreement on land along the Columbia River. Delays in obtaining a lease had caused at least one major investor in February to withdraw from the project. Port officials expect the Thompson family, who own the land, to approve the agreement soon. The project still needs permits and financing, though officials state that there have been "serious inquiries" from financial backers since the port approved the lease agreement.
Northern Star LNG Terminal Northern Star Natural Gas Bradwood, Oregon	1,000	6/15/06 - Bradwood Landing LLC formal application has been submitted and FERC has officially noticed the application.
Skipanon LNG Facility Calpine Corporation Warrenton, Oregon	1,000	Calpine has not started the application process.
Jordan Cove Energy Project Energy Projects Development Coos Bay,	TBD	FERC has received a notice of intent to submit an Environmental Impact Statement. A formal application will be submitted January 31, 2007.
<b>California</b>		
Cabrillo Deepwater Port LNG Facility BHP Billiton Oxnard, California (Offshore)	800	There has been a process change to include the use of a closed loop system. Air and water permit hearings were held on June 5, 2006. August 3 will mark the end of the Public comment period. The U.S. Coast Guard is preparing a response to the revised EIS/EIR.
Clearwater Port LNG Project Crystal Energy LLC Oxnard, California (Offshore)	800	In mid 2005, Woodside Energy ended an agreement to jointly develop the Crystal project. <b><i>NorthernStar Natural Gas Announces Successful Funding for Development for Clearwater Port. Clearwater Port has filed the Updated Deepwater Port Application.</i></b>

**West Coast LNG Projects and Proposals**  
**Status Update**  
**(As of September 11, 2006)**

Note: Changes since last update are in ***bold italics***.

<b>Project Name, Company and Location</b>	<b>Average Production Capacity (MMcfd)*</b>	<b>Status</b>
Esperanza Energy LLC Offshore California	TBA	4/4/06 - Project feasibility study announced. Specific site has not been determined, but the company is focusing its evaluation on several potential sites up to 12 miles offshore of the greater Long Beach area. Esperanza Energy will use TORP's Hi Load Regas unit technology for the potential terminal.
Long Beach LNG Facility Sound Energy Solutions Long Beach, California	700	The Coast Guard has completed the Water Suitability Report (WSAR) and sent it to FERC. The Draft EIS/EIR was released in late 2005. A final EIS/EIR is expected in late 2006.
LNG Terminal Woodside Energy Malibu, California (Offshore)	800	3/15/06 - Proposed site announced to be in the Pacific Ocean about 22 miles south of Malibu. Application is yet to be filed.
<b>Mexico</b>		
Terminal GNL Mar Adentro de Baja California ChevronTexaco Tijuana, Baja California (Offshore)	700	Chevron received major permits in 2004. Local permit approval is underway. U.S. and Mexican environmental groups have filed a challenge under the North American Free Trade Agreement. A final investment decision by Chevron will be made in 2006.
Moss-Maritime Project Moss-Maritime Rosarito, Baja California (Offshore)	297	Mexico's environmental agency has approved the project. Other permits are pending.
Energia Costa Azul LNG Facility Sempra Energy LNG Corp. Ensenada, Baja California	1,000	This project has received all its permits and is under construction. Commercial operation is expected early 2008.

\*MMcfd = Million cubic feet per day